FED. RD. DIVISION	STATE	PROJECT	
2	OHIO		

384
394

LAKE COUNTY
SEC.
LAK-2-0.00
In Willoughby

60 MPH DESIGN SPEED

PROPOSED VINE ST. - No Scale

VINE ℄ PROFILE
PI Sta 119+00 - ELEV. = 631.01 - NO V.C.
PI Sta 127+00 - ELEV. = 628.77 - 200' V.C.
PI Sta 135+00 - ELEV. = 630.69 - NO V.C.

℄ CURVE DATA
Δ = 11° 33' 24"
D = 1° 00'
L = 1155.667
R = 5729.580
T = 579.801
C = 1153.709
E = 29.264

FOUNDATION SOUNDINGS:
Foundation design and foundation quantities are based on a study of rod soundings and soil-sampling soundings made at the site. This sounding information may be inspected in the office of the Bureau of Bridges in Columbus ~~or in the Division office~~, but the State does ~~not~~ guarantee the accuracy thereof.

B.M. – X on N.W. CORNER CULVERT HEADWALL Sta 209+44 EXISTING LAKELAND – 39' RIGHT of ℄ ELEV. 630.286

PROPOSED STRUCTURE

TYPE: Continuous steel girder with reinf. conc. deck and substructure.
SPANS: 60'-101'-60' ℄ brgs.
ROADWAY: 2@54' ⁴⁄₄ parapets.
LOAD FREQUENCY: CF=2000(5T), (adequate for AASHO alternate loading.
SKEW: 44°18' R.F.
WEARING SURF.: 1" monolithic conc.
APPROACH SLABS: AS-1-54(25' long)
ALIGNMENT: 1° curve left & tangent
SUPERELEVATION: Varies

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
BUREAU OF BRIDGES

SITE PLAN

BRIDGE Nº LAK-2-0401 L&R 310+54.21
SECTION Sta. 312+82.19
LAKELAND – VINE ST. BRIDGE
Scale 1"=20' Lake County

TOPOGRAPHY		PROPOSED WORK				
SURVEY	DR. BY	DESIGN	DR. BY	CH'KD.	REVISIONS	DATE
		RHN	RHN	J.E.P.	F.E.S.	

LAKELAND EXTENSION – VINE ST. BRIDGE .. SITE PLAN BFG